What is claimed is:

1.	Δ	transmission	annaratus	comprising.
⊥•	Γ	CLUMISMITSSION	apparacus	comprising.

- 2 filter means for reducing leakage power
- 3 outside a transmission signal band, said filter means
- 4 having a first attenuation amount more than a
- 5 predetermined amount or a second attenuation amount not
- 6 more than the predetermined amount selectively set in a
- 7 range higher than a transmission signal band;
- 8 modulation means for modulating the
- 9 transmission signal output from said filter means; and
- 10 control means for setting one of the first and
- 11 second attenuation amounts in said filter means in
- 12 accordance with a use situation of a band adjacent to
- 13 the transmission signal band.
 - 2. An apparatus according to claim 1, wherein
 - 2 said filter means comprises
 - 3 a first low-pass filter having the first
 - 4 attenuation amount, and
 - 5 a second low-pass filter having the second
 - 6 attenuation amount, and
 - 7 said control means selects one of said first
 - 8 and second low-pass filters in accordance with the use
 - 9 situation of the band adjacent to the transmission
- 10 signal band.

	3. An apparatus according to claim 2, wherein				
2	said first low-pass filter comprises				
3	a first delay element group formed from a				
4	plurality of delay elements cascade-connected,				
5	a second delay element group formed from a				
6	plurality of delay elements cascade-connected to receive				
7	an output from said first delay element group,				
8	a first accumulator for cumulatively adding				
9	weighted outputs from the delay elements of said first				
10	delay element group, and				
11	a second accumulator for cumulatively adding				
12	weighted outputs from the delay elements of said second				
13	delay element group, and				
14	said second low-pass filter comprises				
15	said first delay element group, and				
16	said first accumulator.				
	4. An apparatus according to claim 3, further				
2	comprising				
3	a bypass path for bypassing said second				
4	accumulator,				
5	a first changeover switch for selectively				
6	connecting an output terminal of said accumulator to one				
7	of an input terminal of said second accumulator and one				
8	terminal of said bypass path, and				
9	a second changeover switch for selectively				

10 connecting an output terminal of said filter to an

- 11 output terminal of said second accumulator and the other
- 12 terminal of said bypass path.
 - 5. An apparatus according to claim 2, wherein
 - 2 said apparatus further comprises switch means
 - 3 for selecting one of said first and second low-pass
 - 4 filters, and
 - 5 said control means controls said switch means
 - 6 to extract one of outputs from said first and second
 - 7 low-pass filters as a transmission signal.
 - 6. An apparatus according to claim 2, wherein
 - 2 when said first low-pass filter is selected,
 - 3 power supply to said second low-pass filter is stopped,
 - 4 and
 - 5 when said second low-pass filter is selected,
 - 6 power supply to said first low-pass filter is stopped.
 - 7. An apparatus according to claim 1, wherein
 - 2 said filter means, modulation means, and control means
 - 3 are arranged in one of a mobile station and a base
 - 4 station of a mobile communication system.
 - 8. An apparatus according to claim 7, wherein
 - 2 said apparatus further comprises extraction
 - 3 means for extracting information related to the use
 - 4 situation of the band adjacent to the transmission

- 5 signal band from a reception signal, and
- 6 said control means performs operation of
- 7 setting the first and second attenuation amounts on the
- 8 basis of an output from said extraction means.
 - 9. An apparatus according to claim 7, wherein
- 2 . said apparatus further comprises monitor means
- 3 for monitoring the use situation of the band adjacent to
- 4 the transmission signal band from a reception signal,
- 5 and
- 6 said control means performs operation of
- 7 setting the first and second attenuation amounts on the
- 8 basis of an output from said monitor means.
 - 10. An apparatus according to claim 7, wherein
- 2 when the band adjacent to the transmission signal band
- 3 is used in an adjacent/superposing system, said control
- 4 means sets the first attenuation amount in said filter
- 5 means, and when the band adjacent to the transmission
- 6 signal band is not used in the adjacent/superposing
- 7 system, said control means sets the second attenuation
- 8 amount in said filter means.